				`.		
POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 1 - SITE INFORMATION AND ASSESSMENT PART 1 - SITE INFORMATION AND ASSESSMENT  PART 1 - SITE INFORMATION AND ASSESSMENT						
II. SITE NAME AND LOCATION						
O I SILE NAME Kagal, common, or descriptive name of said	<u></u>	OZ STREI	T, ROUTE NO., O	N SPECIFIC LOCATIO	NIDENTIFIER	
Business Cards Tomorrow		5255 NW 33 Avenue				
03 GITY	<u> </u>	<u> </u>		los county	<del>*</del>	107 CC U11 4 24 C 378
Fort Lauderdale						CODE DIST
	NOTE OF	FL	33309	Broward		17 D11
261120. 0801130.						
Commercial Blvd. heading west. Proceed 2½ miles to NW 31 Ave. Proceed ½ mile north on NW NW 31 Ave. to Prospect Rd. Proceed ½ mile west on Prospect Rd. to NW 33 Ave. The site is located approximately ½ mile south on NW 33 Ave. on the right in a commercial complex.						
IIL RESPONSIBLE PARTIES						
01 OWNER IF MOUNT		02 SIREE	(Business, making, re			
Business Cards Tomorrow		525	5 NW 33 A	venue		
O3 CITY			05 ZIF COOE	06 FELEPHONE	NUMBER	
Ft. Lauderdale		FL	33309	(305) 563	3-1224	
07 OPERASOR (# Innoversity of different from award)			(Butmess, melling, re	- del antico		. <del> </del>
Elaine Fortune Same						
os ary	· · · · · · · · · · · · · · · · · · ·		I I ZIP CODE	12 TELEPHONE	NUMBER	
			Same	( ) Sam	ne	
13 TYPE OF OWNERSHIP (Check see)						
Ø A. PRIVATE □ 8. FEDERAL: □ (Agency norm) □ C. STATE □D.COUNTY □ E. MUNICIPAL						
☐ F OTHER ☐ G UNKNOWN						
(Soccity)  14 OWNER/OPE/TATOR NOTIFICATION ON FILE (Chees all not exert)						
DA A ACRA 3001 DATE RECEIVED: WONTH DAY YEAR DE UNCONTROLLED WASTE SITE (CERCLA 103 4) DATE RECEIVED: WONTH DAY YEAR						
					MONIA DA	
IV. CHARACTERIZATION OF POTENTIAL HAZARD  OF ON SITE HISPECTION  BY IChaes of the rooty)						
TO YES DATE 10 /9 / 85 DA EPA DE EPA CONTRACTOR DC. STATE DD. OTHER CONTRACTOR						
See Attachment A CONIRACION NAME(S): Quality Control Board (BCEQCB)						
DE SITE STATUS (Cheek and ) US YEARS OF OPERATION   DE 1985   DESERT   DUNKNOWN   DE 1985   DESERT   DUNKNOWN						
BECOMMO YEAR ENDMO YEAR  DE DESCRIPTION OF SURSTANCES POSSIBLY PRESENT, KNOWN OR ALLEGED. This facility uses several solvents.						
hydroquinone as a toner, a solution of potasium hydroxide and sodium hydroxide as a developer, butanol as an etch and ink.						
S DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/	S PODI II A THOM	<u>·</u>				
Spills or leaks of solvents may lead to surface water or groundwater contamination. Hydroquinone fumes could contaminate the air if not handled correctly.						
/ PRIORITY ASSESSMENT		· ····				
I PRIORITY FOR INSPECTION (Check and if high as martism in absence, ea		wen and Port 3	Dast i telem at Masses	love Candillone and Incide	are)	
☐ A. HIGH ☐ 8 MEDIUM ☐ C. LOW ☐ D. NONE (Intra-rises required promptly) (Intra-rises required or required promptly) (Intra-rises required promptly)						
I. INFORMATION AVAILABLE FROM						
Costand 3. Hill	02 OF IAporty Organis				1.	904 488-0190
Eric Nuzie  4 PERSON RESPONSIBLE FOR ASSESSMENT	FDER 05 AGENCY	00 ONGANIZ	ATION	07 TELEPHONE N		O DATE
Willard Murray	N/A		Jordan Co	207 775		11 /11 /85

#### BUSINESS CARDS TOMORROW FLD981030166 PRELIMINARY ASSESSMENT

- A. <u>SITE DESCRIPTION</u>. Business Cards Tomorrow is located in a commercial/industrial area at 5255 NW 33 Avenue, Ft. Lauderdale, Broward County, Florida. This facility prints business materials and has been in operation since at least March of 1985.
- B. DESCRIPTION OF HAZARDOUS CONDITIONS, INCIDENTS AND PERMIT VIOLATIONS.
  Business Cards Tomorrow provides printing and photocopying services which involve the use of hydroquinone as toner, potassium hydroxide and sodium hydroxide as a developer, butanol as etch and ink. Less than 5 gal/yr of waste is generated and includes the residue in empty containers which are picked up by a municipal collector.
- C. NATURE OF HAZARDOUS MATERIAL. The hazardous materials stored on-site include toxic, flammable and explosive solvents and ink.
- D. ROUTES OF CONTAMINATION. Possible routes of contamination include surface water, air, direct contact and groundwater.
- E. POSSIBLE AFFECTED POPULATION AND RESOURCES. Area residents are provided with drinking water from the city of Ft. Lauderdale Executive/Prospect municipal wellfield. The wellfield draws from the Biscayne aquifer, a shallow, permeable, sole-source aquifer. The site is located less than 4 mile from the wells, thus, contaminants in the groundwater, surface water or soil could contaminate the wellfield.

The facility is located 500 ft. west of a lake, thus, potentially contaminated groundwater or surface runoff could contaminate surface water supplies, affecting recreational users and aquatic flora and fauna.

Workers may be exposed to hazardous substances via inhalation of volatilized compounds and via direct contact. Workers may also be injured in the event of an explosion or fire.

F. RECOMMENDATIONS AND JUSTIFICATIONS. Business Cards Tomorrow generates a small quantity of wastes. No reports of hazardous conditions or spills have been noted and the site exhibits good housekeeping practices; However, because of the close proximity of the site to supply wells and the toxic substances contained in solvents and inks, a low priority for inspection is recommended.

### SEPA

# POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 2 - WASTE INFORMATION

LIDENTIFICATION

61 STATE OF THE NUMBER

FL D9810301

II. WASTE	STATES, QUANTITIES, AF	ID CHARACTE	RISTICS				
Q1 PHYSICA	L STATES IChoes of mer army!	02 WASTE OUAN		03 WASTE CHAR	CTERISTICS (Chees at me		
ET A. SOL	O () E SLUMAY	Wassurr	of maje quantities	101 AK)			
(3 8. POW	DER FINES ME LIQUID	1	Unknown	U a cor	ROSIVE UF INFE		
D C. SLUC	),j g, gas	CUBIC YAROS	Unknown	[] G. RAD	DIOACTIVE EXAFLA Islightent which		
13 0. OTH	ISoscay)	i	Unknown				APPLICATE T
III. WASTE		I we or brioms		<u> </u>			
CALEGORY			1	L	<del></del>	·····	
SLU	SLUDGE	~ME	01 GROSS AMOUNT	OZ UNIT OF MEASL	RE 03 COMMENTS	0.50	<del></del>
OLW	OILY WASTE		<del>}</del>	1		ity uses 250	
SOL			<b></b>	ļ		hydroquinone	
PSD	SOLVENIS		Unknown		gal/yr of	developer (p	otassium
<del></del>	PESTICIDES		<u> </u>	<b> </b>		& sodium hyd	
occ	OTHER ORGANIC CH		Unknown	<u> </u>		of ink, and	
IOC	INORGANIC CHEMICA	VLS			of etch (b	utanol). The	y generate
ACD	ACIDS				1-5 gal/yr	of spent so	lvents and
BAS	BASES		<u></u>		ink waste.	and photogra	phic
MES	HEAVY METALS		<u> </u>		wastes.	,	
IV. HAZARO	OUS SUBSTANCES IS.	ends for most troquent	y exed CAS Numbers)				-
OI CALEGORY	. 02 SUBSTANCE NA	ME	03 CAS NUMBER	04 STORAGE/DI	SPOSAL METHOD	05 CONCENTRATION	CONCENTRATION
OCC	Ink		999	empty cont	ainers	unknown	<u> </u>
SOL	Butanal		71-36-3	empty cont	ainers	unknown	
SOL	Hydroquinone		123-31-9	empty cont	ainers	unknown	
SOL	Potassium hydro	xide	1310-58-3	empty cont	ainers	unknown	
SOL	Sodium hydroxide	2	1310-73-2	empty cont	ainers	unknown	
			1				
	*						
							<del></del>
	· · · · · · · · · · · · · · · · · · ·		}				
.		1					
.FEEDSTO	CKS (See Appendix for CAS Morreson)	N/A					
CALEGORY	OI FEEDSTOCK N	AME	02 CAS NUMBER	CALEGORY	OI FEEDSIOO	K HALIE	UZ CAS HUMDLII
FDS				FDS	·····		
FOS				FDS			
FOS				FOS			
FD3							
	OF INFORMATION OF			FDS			
	OF INFORMATION (CHE MARK			M1 )			
BUEQU	B Hazardous Wast	e ourvey,	3/1/03				
						•	}
				•			. 1

**SEPA** 

### POTENTIAL HAZARDOUS WASTE SITE

I. IDENTIFICATION OI STATE OF SIE MUMBER PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS
IL HAZARDOUS CONDITIONS AND INCIDENTS
01 M A. GROUNDWATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED: 10,000+ 04 NARRATIVE DESCRIPTION
O3 POPULATION POTENTIALLY AFFECTED: 10,000+ 04 NARRATIVE DESCRIPTION  Discharges or spills of solvents or ink could contaminate the groundwater. No spills of discharges have been reported and no groundwater samples have been taken.
01 (XIII SUIDEACE WATER CONTAMINATION 02 [] OBSERVED (DATE:
03 POPULATION POTENTIALLY AFFECTED: 10,000+ 04 NARRATIVE DESCRIPTION
Spills or discharges of hazardous substances on-site could contaminate surface water. The site is located approximately 500 feet west of a lake. No surface water samples have been taken.
01 (\$C. CONTAMINATION OF AIR 1-100 02 () OBSERVED (DATE: ) POTENTIAL [] ALLEGED 04 NARRATIVE DESCRIPTION
Hydroquinone emits toxic fumes and butanol gives off dangerous fumes when heated. Workers may be exposed to contaminated air if the substances are not handled correctly.
01 2) D. FIRE/EXPLOSIVE CONDITIONS 1 100 02 CI OBSERVED (DATE:) X) POTENTIAL CI ALLEGED
O3 POPULATION POTENTIALLY AFFECTED: 1-100 O4 NARRATIVE DESCRIPTION  Butanol is highly flammable and moderately explosive when exposed to heat, flame or oxidizers. Workers may be injured in the event of an on-site fire or explosion.
01 E DIRECT CONTACT 03 POPULATION POTENTIALLY AFFECTED: 1-100 04 NARRATIVE DESCRIPTION The workers may come in direct contact with toxic and corrosive substances.
OT ED F. CONTAMINATION OF SOIL CO. E. OZ CI OBSERVEDIDATE:
O3 AREAPOIENHALLY AFFECTED: :<0.5  O4 MARRATIVE DESCRIPTION  Potential spills of solvents or ink may contaminate the soil; however, no spills have been reported and no soil samples have been taken.
21 IXG DRINKING WATER CONTAMINATION 10, 000   02 LTOBSERVED (DATE:)
Area residents are provided with drinking water from the Ft. Lauderdale Exeuctive/ Propsect municipal wellfield which produces from the shallow and permeable Biscayne aquifer. The site is located a mile from the nearest well, and contaminants in the
groundwater could reach the wellfield.
OI IX II. WORKER EXPOSUREMUNTY  03 COBSERVED (DATE:) DEPOIENTAL COLLEGED  03 WORKERS POTENTIALLY AFFECTED: 1-100 O4 NARRATIVE DESCRIPTION  Workers could be exposed to hazardous substances via inhalation, direct contact or an on-site fire.
·
01 LM POPULATION EXPOSURE/INJURY 02 LI OBSERVED (DATE: 1 POTENTIAL ALLEGED 04 POPULATION POTENTIALLY AFFECTED: 10,000+ 04 PARRATIVE DESCRIPTION
Access to the site is not restricted, thus area residents could be exposed to
hazardous substances via direct contact,
on T .

SEPA

## POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

1. IDENTIFICATION

OLSTATE DE STATE DE SAMEE

EL D9810.3015

PART 3 - DESCRIPTION OF HAZARI	DOUS CONDITIONS AND INCIDENTS	FL   198	3 <u>10301</u> (		
IL HAZARDOUS CONDITIONS AND INCIDENTS (Community					
04 NARRATIVE DESCRIPTION	O OBSERVED (DATE:)	T POTENTIAL	EI ALLEDIO		
Contact with contaminants may damage pl was observed during the windshield surv	ant life; however, no dama ey, 10/9/85.	ige to trees	or grass		
01 DX N. DAMAGE TO FAUNA 02 E	OBSERVED (DATE:)	O POTENTIAL	☐ ALLEGED		
Contact with contaminants may injure wildlife; however, the facility is located in a commercial/industrial area which is largely devoid of wildlife.					
04 NARRATIVE DESCRIPTION		D POTENTIAL	☐ ALLEGED		
Remote potential. The solvents stored	on-site do not generally 1	bioaccumulat	:e.		
	OBSERVED (DATE:	J POTENTIAL	O ALLEGED		
OF POPULATION POTENTIALLY AFFECTED: 0 04 N None reported.	arrative description	•			
01 CT N. DAMAGE TO OFFSITE PROPERTY 02 CI 04 NARRATIVE DESCRIPTION 02 CI	OBSERVED (DATE:)	POTENTIAL	C ALLEGED		
None reported.	•		_		
01 (7 O, CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs 02 (7) 04 NARRATIVE DESCRIPTION	OBSERVED (DATE:)	POTENTIAL	□ ALLEGED		
None reported.					
01 (7 P. ILLEGAL/UNAUTHORIZED DUMPING 02 0 04 NARRATIVE DESCRIPTION	OBSERVED (DATE:)	POTENTIAL	C ALLEGED		
None reported.					
05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HA	ZAROS				
None known.					
III. TOTAL POPULATION POTENTIALLY AFFECTED:					
IV. COMMENTS					
Not much information is available on this site; however, it appears to be clean & well kept. Though they handle significant quantities of solvents, the only wastes are container residue. The Hazardous Waste Survey did note improper disposal of containers to municipal collectors.					
Y. SOURCES OF INFORMATION (Cité agrésific références, é. g., Mara Illes, sample anai	yos, reserit)				
See attached reference sheet.	•				

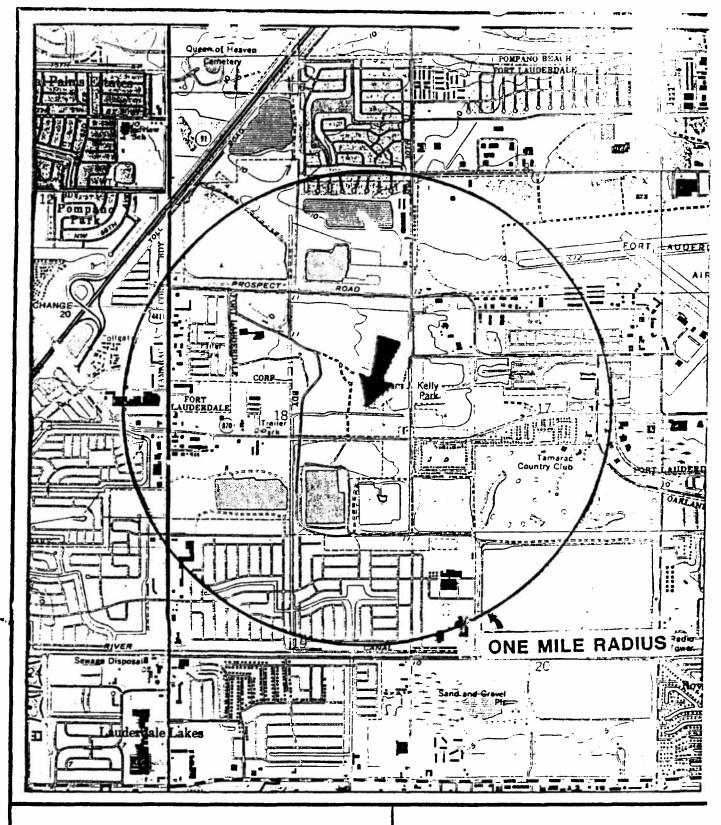
# ATTACHMENT A BUSINESS CARDS TOMORROW FLD981030166

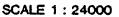
### On-Site Inspections

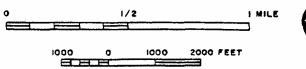
<u>Date</u>	Agency	Samples	Comments
10/9/85	E.C. Jordan for FDER	No	Windshield Survey ( an off-site inspection) No problems reported
03/01/85	всеосв	No	Hazardous Waste Survey Empty containers improper disposed of in municipal collector.

#### REFERENCE LIST

- 1. Environmental Protection Agnecy, Federal Register, National Oil and Hazardous Substances Contingency Plan, Part V, July 16, 1982.
- Farm Chemicals Handbook, Willoughby, OH; Meister Publishing Company, 1982.
- 3. Florida Department of Environmental Regulation, The Sites List, Summary Status Report, July 1, 1983 June 30, 1984.
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- 5. Florida Department of Natural Resources, Water Resources of Broward County, Report of Investigation No. 65, 1973.
- 6. Florida Division of Geology, Chemical Quality of Waters of Broward County, Florida, Report of Investigations No. 51, 1968.
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- 9. Health and Safety Plan, Florida 3012 Program, E.C. Jordan Co., June 1984.
- 10. Healy, Henry G., 1977, <u>Public Water Supplies of Selected Municipalities</u>
  in Florida, 1975: U.S. Geological Survey, Water-Resources Investigations
  77-53, p. 309.
- NUS Project for Performance of Remedial Response Activities at
  Uncontrolled Hazardous Substance Facilities--Zone 1. NUS Corporation,
  Superfund Division.
- 12. NUS Training Manual, Project for Performance of Remedial Reponse
  Activities at Uncontrolled Hazardous Substance Facilities--Zone 1, NUS
  Corporation, Superfund Division.
- 13. Sax, N. Irving, <u>Dangerous Properties of Industrial Materials</u>, Sixth Edition, Van Nostrand Reinhold Co., 1984.
- 14. TLVs Threshold Limit Values for Chemical Substances in the Work Environment Adopted by ACGIN for 1983-84, American Conference of Governmental Industrial Hygienists, ISBN: 0-936712-45-7, 1983.
- 15. U.S. Geological Survey, Topographic Map, 1-24,000 Series.
- 16. Windholz, M., ed. The Merck Index, an Encyclopedia of Chemicals and Drugs, Rahway, NJ: Merck and Company, Inc., 1976.









#### SITE LOCATION MAP

Business Cards Tomorrow
5255 NW 33 Avenue

USGS QUAD Ft Lauderdale North

DATE 1983

ECJORDANCO.

REGION: 04 STATE : FL	↓.	U.S. ENVIRONMENTAL PROTECTION OFFICE OF EMERGENCY AND REMEDIAL C E R C L I S V 1.2	PROTECTION AGENCY ND REMEDIAL RESPONSE S V 1.2	PAGE: 76 RUN DATE: 04/11/86 RUN TIME: 10:10:40
		M.2 - SITE MAIN	- SITE MAINTENANCE FORM	
			* ACTION:	•
EPA ID :	: FLD981030166			
SITE NAME:	SITE NAME: BUSINESS CARDS TOMORROW	SOURCE: R		
STREET :	5255 NW 33 AVENUE	CONG DIST: 12	4	1
CITY :	: FT. LAUDERDALE	ZIP: 33309 "		•
CNTY NAME: BROWARD	BROWARD	CNTY CODE : 011	4	1
LATITUDE :	LATITUDE : 26/11/36.0	LONGITUDE : 080/10/54.0	/	
LL-SOURCE: R	α	LL-ACCURACY:	1 *	
SMSA :	: 2680	HYDRO UNIT: 03090202	-	
INVENTORY	INVENTORY IND: Y REMEDIAL IND: Y REMOV	REMOVAL IND: N FED FAC IND: N	1	1
NPL IND: N	NPL LISTING DATE:	NPL DELISTING DATE:	· -/-	
SITE/SPILL IOS:	IDS:			•
RPM NAME:	RPM NAME: DENISE BLAND	RPM PHONE: 404-347-2234		•
SITE CLASSIFICATION:	(FICATION:	SITE APPROACH:		
DIOXIN TIER:	REG FLD1:	REG FLD2:	-	
RESP TERN:	RESP TERM: PENDING ( ) NO FURTHER ACTION	ACTION ( )	* PENDING (_)	NO FURTHER ACTION (_)
ENF DISP:	NO VIABLE RESP PARTY ( ) ENFORCED RESPONSE ( )	VOLUNTARY RESPONSE ( ) COST RECOVERY ( )	11	••
SITE DESCRIPTION:	PTION:			•

AGENCY	RESPONSE	
PROTECTION	D REMEDIAL	5 < 1.2
- JALKSEKIAL	OFFICE OF EMERGENCY AND REMEDIAL RESPONSE	CERCLIS
e.s. e	OFFICE OF	

2대

REGION: STATE :

M.2 - PROGRAM MAINTENANCE FORM

\* ACTION:

PROGRAM TYPE: PROGRAM CODE: HO1 ALIAS LINK SITE EVALUATION BUSINESS CARDS TOMORROW EPA ID: FL0981030166 PROGRAM QUALIFIER: SITE:

PROGRAM NAME:

DESCRIPTION:

PAGE: 78 RUN DATE: 04/11/86 RUN TIME: 10:10:40 ーノー U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF EMERGENCY AND REMEDIAL RESPONSE C E R C L I S V 1.2 M.2 - EVENT MAINTENANCE FORM \* ACTION: EVENT TYPE: DS1 COMP : 06/01/85 EVENT LEAD: S STATUS: ACTUAL STATE X START: EPA ID: FLD981030166 PROGRAM CODE: HOI STATUS CURRENT SITE: BUSINESS CARDS TOMORROW PROGRAM: SITE EVALUATION EVENT QUALIFIER START: COMP AMENDMENT # DISCOVERY 2도 DESCRIPTION: EVENT NAME: ORIGINAL RG COMMENT: HO COMMENT: COOP AGR # FMS CODE: REGION: STATE : START COMP

PAGE: 79 RUN DATE: 04/11/86 RUN TIME: 10:10:40

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF EMERGENCY AND REMEDIAL RESPONSE C E R C L I S V 1.2 M.2 - EVENT MAINTENANCE FORM - ACTION: EVENT TYPE: PAI START: 01/30/86 COMP : 03/11/86 EVENT LEAD: S STATUS: ACTUAL EPA ID: FLD981030166 PROGRAM CODE: H01 PRELIMINARY ASSESSMENT CURRENT SITE: BUSINESS CARDS TOWORROW PROGRAM: SITE EVALUATION EVENT QUALIFIER START: DESCRIPTION: 2 L EVENT NAME: ORIGINAL FMS CODE: REGION: STATE : START

STATE X STATUS AMENDMENT #

COMP

COMP :

HO COMMENT:

RG COMMENT:

COOP AGR #

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF EMERGENCY AND REWEDIAL RESPONSE C E R C L I S V 1.2

PAGE: 80 RUN DATE: 04/11/86 RUN TIME: 10:10:40 **|**/|/| \* ACTION: \* ACTION: \* ACTION: M.2 - REGIONAL UTILITY MAINTENANCE FORM UNDETERMINED (PICKED UP BY MUNICIPAL COLLECTOR) BUSINESS CARDS TOWORROW NEW CERCLIS SITE FLD981030166 SOLVENTS HSCS-01 OPDU-01 4CER-01 DESCRIPTION: DESCRIPTION: DESCRIPTION: 유 FREE FIELD: FREE FIELD: FREE FIELD: REG CODE: REG CODE: REG CODE: REGION: STATE : EPA ID: DATE1: DATE2: DATE3: DATE1: DATE2: DATE3: DATE1: DATE3: DATE2: SITE:

PAGE: 81 RUN DATE: 04/11/86 RUN TIME: 10:10:40

M.2 - REGIONAL UTILITY MAINTENANCE FORM

BUSINESS CARDS TOMORROW

2 L

REGION: STATE :

FLD981030166

EPA ID:

SITE:

CERCLA FY85 CA

DESCRIPTION:

4085-01

REG CODE:

U.S. ENVIRONMENTAL PROVECTION AGENCY OFFICE OF EMERGENCY AND REMEDIAL RESPONSE OF E R C L I S V 1.2

\* ACTION: \_ - ACTION:

PRELIMINARY HRS NEEDED

DESCRIPTION:

FREE FIELD:

DATE3:

DATE1: DATE2:

4HRN-01

REG CODE:

FREE FIELD:

DATE2: DATE3:

DATE1: